COMPAQ DESKPRO 386

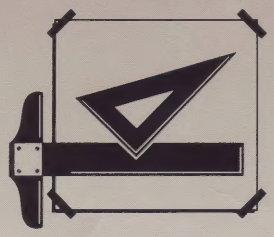
COMPAQ®

It simply works better.

COMPAQ advances advanced technology in a desktop computer

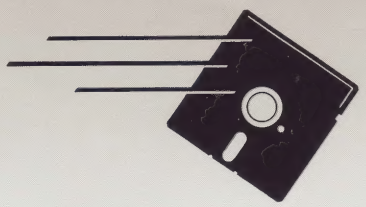
The COMPAQ DESKPRO 386 is the most powerful desktop computer in the COMPAQ line and the most advanced personal computer in the industry.

The COMPAQ DESKPRO 386™ is the most advanced personal computer you can buy. It's optimized throughout to exploit its powerful CPU—the 32-bit, 16-MHz Intel® 80386 microprocessor. And no other truly compatible personal computer is engineered with all these speed and performance features:



- Runs the most popular software *two to three times faster* than the 8-MHz IBM® Personal Computer-AT® by virtue of the 16-MHz 80386 microprocessor
- Uses the advanced 32-bit architecture of the 80386 microprocessor to deliver increased performance with today's software. It delivers minicomputer-level performance, which expands the potential of future applications such as advanced CAE, multi-user environments and artificial intelligence
- Breaks the 640-Kbyte barrier imposed by MS-DOS® using the built-in support for the Lotus®/Intel®/Microsoft® (LIM) Expanded Memory Specification (EMS). It lets you utilize up to 8 Megabytes of RAM so you can avoid the "memory full" message
- Accepts up to 10 Megabytes of high-speed 32-bit RAM without taking up an expansion slot; RAM is expandable to 14 Megabytes
- Accesses large amounts of data with high-performance 40- and 130-Megabyte fixed disk drives as much as 50 to 150 percent *faster* than the PC-AT's 30-Megabyte fixed disk drive
- Protects important data quickly and economically using the COMPAQ internal fixed disk drive backup option. It can back up and verify 40 Megabytes of data on a single tape cartridge at the rate of one Megabyte per minute—that's four times the capacity and twice the transfer rate of earlier COMPAQ systems

Superior speed and performance



The fully compatible COMPAQ DESKPRO 386 raises the performance level of today's most complex applications, and the productivity level of today's most demanding users:

- Gain the speed and high performance to work more efficiently with huge spreadsheets and databases using integrated packages like Framework II™ and Symphony™
- Enjoy CAD/CAE performance at a fraction of the cost of dedicated technical workstations when utilizing the 8-MHz 80287 coprocessor option with popular programs like AutoCAD™
- Manage multi-user/multitasking environments more efficiently, especially using the XENIX® System V/286 operating system as published by COMPAQ®
- Run a local area network with the COMPAQ DESKPRO 386 as a file server. It can support more users, and supply the higher speed that increases the network's overall performance

Established compatibility and connectivity

Like the COMPAQ personal computers before it, the COMPAQ DESKPRO 386 is fully compatible with today's hardware and software. This accounts for its excellent connectability. Adding communications products like IRMA™, 3Com® EtherSeries™ and IBM Token-Ring Network™ or a multi-port board to any of the five available expansion slots allows you to:

- Communicate with mainframes, or with minicomputers
- Operate as a high-performance file server in a local area network
- Operate as a host computer in a multi-user environment

Specifications

Processor: *32-bit 80386; 16-MHz clock speed; 4- or 8-MHz 80287 coprocessor socket; real-time clock and battery.*

Compatibility: *Runs the most popular software and hardware products designed for the 8-MHz IBM PC-AT; 8/16-bit expansion bus compatible with 8-MHz 80286-based products.*

Expansion Slots: *6 slots available in Model 40; 5 slots available in Model 130.*

Memory: *One-Megabyte RAM at entry level, expandable to 14 Megabytes; 32-bit memory bus.*

Storage Devices: *1.2-Megabyte diskette drive (one standard, second optional); 360-Kbyte diskette drive (optional); 40-Megabyte half-height fixed disk drive (average access less than 30 ms); 130-Megabyte full-height fixed disk drive (average access less than 25 ms); internal fixed disk drive backup (40 Megabytes per tape).*

Interfaces: *Parallel printer and asynchronous communications interfaces.*

Keyboard Options: *COMPAQ Enhanced Keyboard (101-key layout); 84-key (IBM PC-AT layout).*

Display Options: *13-inch diagonal COMPAQ Color Monitor; 12-inch diagonal green or amber dual-mode monitor.*

Display Controller Options: *COMPAQ Enhanced Color Graphics Board; COMPAQ Video Display Controller Board.*

Memory Options: *1-Megabyte and 4-Megabyte memory upgrade kits; 1- to 2-Megabyte and 4- to 8-Megabyte 32-bit memory expansion boards.*

Security: *Locks in operating and non-operating mode to prevent unauthorized keyboard access; cover locks to protect internal components.*

Other Options: *MS-DOS/BASIC Version 3, Release 3.1 diskettes and reference guides; XENIX System V/286 Operating System as published by COMPAQ; COMPAQ DESKPRO 386 Technical Reference Guide; 8-MHz 80287 coprocessor.*

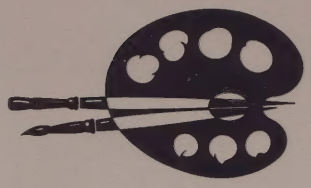
Physical Specifications: *System unit—19.8"W × 6.4"H × 16.5"D, 50.3cm W × 16.3cm H × 41.9cm D; 84-key keyboard—18.0"W × 1.5"H × 7.0"D, 45.7cm W × 3.8cm H × 17.8cm D; enhanced keyboard—19.25"W × 1.5"H × 8.3"D; 48.9cm W × 3.8cm H × 21.1cm D; dual-mode monitor—14.75"W × 10.25"H × 13.75"D, 37.5cm W × 26.0cm H × 34.9cm D; color monitor—13.93"W × 11.83"H × 14.96"D, 35.4cm W × 30.0cm H × 38cm D.*

Standard Configurations

Model 40: *One-Megabyte random-access memory (RAM); one 1.2-Megabyte diskette drive; one 40-Megabyte fixed disk drive; three 8/16-bit expansion slots available; three 8-bit expansion slots available.*

Model 130: *One-Megabyte random-access memory (RAM); one 1.2-Megabyte diskette drive; one 130-Megabyte fixed disk drive; two 8/16-bit expansion slots available; three 8-bit expansion slots available.*

Living color



Combined with the COMPAQ Enhanced Color Graphics Board, the COMPAQ Color Monitor can display 16 colors at once from a 64-color palette. Screen resolution of 640 × 350 gives power users the high resolution they require. And this same expansion board also enhances the graphics resolution of the COMPAQ dual-mode monitor in your choice of green or amber display.

The COMPAQ difference

It's attention to detail that's totally without compromise. You get built-in interfaces for peripherals. Shock isolation systems for protecting storage drives. True compatibility and connectivity. A one-year warranty on the COMPAQ DESKPRO 386 and all its options. And service and support from a worldwide network of over 3,000 Authorized Dealers. It's the difference that informed computer users recognize. And that's why they choose COMPAQ.

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COMPAQ Color Monitor used with the COMPAQ Enhanced Color Graphics Board can display 16 colors at once from a palette of 64 colors; the board also supports graphic devices like a lightpen and mouse

Internal fixed disk drive backup now stores up to 40 Megabytes on a single tape cartridge

The 32-bit 80386 microprocessor runs the same software that runs on the 8-MHz IBM PC-AT 2-3 times faster

COMPAQ Enhanced Keyboard (101-key layout) features separate cursor control, numeric keypad, and extra function keys

The COMPAQ Expanded Memory Manager is a standard feature which offers 256 Kbytes of standard system RAM for applications that follow the Lotus/Intel/Microsoft (LIM) Expanded Memory Specifications (EMS)

1.2-Megabyte diskette drive is standard; the option to add a 360-Kbyte drive insures maximum compatibility with the most popular data formats

Part No. 108188-001